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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/744,146	03/29/2001	Masayuki Machida	10287.39	3956
27683	7590	02/27/2004	EXAMINER	
HAYNES AND BOONE, LLP 901 MAIN STREET, SUITE 3100 DALLAS, TX 75202			SISSON, BRADLEY L.	
			ART UNIT	PAPER NUMBER
			1634	

DATE MAILED: 02/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/744,146

Applicant(s)

MACHIDA ET AL.

Examiner

Bradley L. Sisson

Art Unit

1634

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 30 January 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____

B. L. Sisson

Bradley L. Sisson
Primary Examiner
Art Unit: 1634

Continuation of 2. NOTE: While the proposed amendment would seemingly remove the new matter issue, the removal of the language would in turn raise a new issue in that the claimed target receptors are defined not in terms of what they are, but in terms of how they are to function. Such nearly total reliance on functional language with the most basic of features described (single stranded nucleic acids of a predetermined base sequence) would fairly raise or enhance issues under 35 USC 112, first paragraph, as it relates to satisfaction of written description. Applicant is urged to carefully consider the level of disclosure provided aside from whether such is enabled by the disclosure. For while argument is raised at page 7 of the response received 30 January 2004 that "[o]ne of ordinary skill in the art, in light of the present disclosure would be able to determine without undue experimentation the length of a receptor 'such that a major influence by energy movement or quenching among the labeled substances does not occur, thereby enhancing discrimination by stable emission,' such does not remove the need for fulfilling the written description requirement of 35 USC 112, first paragraph. It is noted with particularity that enablement, best mode, and written description requirements are three separate requirements under 112, first paragraph, and that satisfaction of one or two does not indicate that any other prong has also been satisfied. While a disclosure could be enabled, such does not necessarily mean that written description requirement has been satisfied. In support of this position, attention is directed to the decision in *University of California v. Eli Lilly and Co.* (Fed. Cir. 1997) 43 USPQ2d at 1405, citing *Lockwood v. American Airlines Inc.* (Fed. Cir. 1997) 41 USPQ2d at 1966:

"Recently, we held that a description which renders obvious a claimed invention is not sufficient to satisfy the written description requirement of that invention."

Attention is also directed to the recent decision in *University of Rochester v. G.D. Searle & Co., et al.* (Fed. Cir. February 13, 2004). For the above reasons, and in the absence of convincing evidence to the contrary, the rejection of claims under 35 USC 112, first paragraph, as failing to comply with the written description requirement is maintained.